

**What is claimed is:**

1. A driving device for a module, comprising:
  - a first rigid frame;
  - a second rigid frame;
  - an active gear wheel disposed on said first rigid frame;
  - a passive gear wheel disposed on said second rigid frame;
  - a driving belt engaged with said active gear wheel and said passive gear wheel;
  - and
  - a rigid component connecting said first rigid frame and said second rigid frame;wherein said rigid component prevents relative displacement between said first rigid frame and said second rigid frame so that there is no relative displacement between said active gear wheel and said passive gear wheel.
2. The driving device of claim 1, wherein said module movably connects to said rigid component.
3. The driving device of claim 1, further comprises:
  - a strain-controlling apparatus installed on said driving belt to allow said driving belt being engaged with said active gear wheel and said passive gear wheel with suitable tension.
4. The driving device of claim 1, wherein said first rigid frame is engaged with said rigid component.
5. The driving device of claim 1, wherein said second rigid frame is engaged with said rigid component.
6. The driving device of claim 3, wherein said strain-controlling apparatus is a spring.

7. A scanner comprising:

a driving device for a module;

wherein said driving device further comprising:

a first rigid frame;

a second rigid frame;

an active gear wheel disposed on said first rigid frame;

a passive gear wheel disposed on said second rigid frame;

a driving belt engaged with said active gear wheel and said passive gear wheel; and

a rigid component connecting said first rigid frame and said second rigid frame;

wherein said rigid component prevents relative displacement between said first rigid frame and said second rigid frame so that there is no relative displacement between said active gear wheel and said passive gear wheel.

8. A multiple function peripheral comprising:

a driving device for a scanning module;

wherein said driving device further comprising:

a first rigid frame;

a second rigid frame;

an active gear wheel disposed on said first rigid frame;

a passive gear wheel disposed on said second rigid frame;

a driving belt engaged with said active gear wheel and said passive gear wheel; and

a rigid component connecting said first rigid frame and said second rigid frame;

wherein said rigid component prevents relative displacement between said first rigid frame and said second rigid frame so that there is no relative displacement between said active gear wheel and said passive gear wheel.

9. The driving device of claim 1, wherein said module is a scanning module for scanning an image.

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